IMPORTANT NOTES

Your hearing is very important to you and to us so please take care when operating this equipment. It is strongly recommended that you follow the listed guidelines in order to prevent possible damage or loss of hearing:

ESTABLISH A SAFE SOUND LEVEL

- Over time your hearing will adapt to continuous loud sounds and will give the impression that the volume has in fact been reduced. What seems normal to you may in fact be harmful. To guard against this BEFORE YOUR HEARING ADAPTS set the volume at a low level.
- Slowly increase the level until you can hear comfortably and clearly and without distortion.
- Damage to your hearing is accumulative and is irreversible.
- Any ringing or discomfort in the ears indicates that the volume is too loud.

Once you have established a comfortable listening level, **DO NOT INCREASE THE SOUND LEVEL FURTHER.**

The following list of typical sound levels may assist you in recognizing just how loud you have set the volume level.

DECIBEL

Level dB	**Example**
30dB	Quiet Library, soft whispers
40	Living room, fridge freezer bedroom away from traffic.
50	Normal conversation, quiet office, light traffic.
60	Electric sewing machine.
70	Vacuum cleaner, hair dryer, noisy restaurant.
THE FOLLOWING NOISES CAN BE HARMFUL UNDER CONSTANT EXPOSURE	
80dB	Average city traffic, alarm clock buzzer at 2 feet, food mixer.
90	Motorcycle, heavy goods vehicle, petrol lawn mower.
100	Pneumatic drill, chain saw, garbage truck, discotec / night - club.
120	Rock band concert, thunderclap.

PERMANENT LOSS OF HEARING

140	THRESHOLD OF PAIN Gunshot 2 feet away.
180	Rocket Launching pad.

IMPORTANT NOTE

1. This product does not contain a separate Power On / Off switch. After inserting a disc and installing batteries / AC adaptor, simply press the Play button to switch on and play a disc.
2. In order to maximize battery life and provide optimum playing time this product incorporates an Auto Power Off function.
   The power to the player will automatically switch off approximately 60 Seconds after a disc has finished playing or when the CD lid is opened.
3. The ESP function is automatically engaged. When playback starts for more information. Please refer to page 9 of these instructions.

SAFETY PRECAUTION

1. As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing.

2. Stop operation immediately if any liquid or solid object should fall into the cabinet. Unplug the unit and have it checked by qualified personnel.

3. Do not touch the lens or poke at it. If you do, you may damage the lens and the player may not operate properly.

4. Do not put anything in the safety slot. If you do, the laser diode will be ON when the lid is still opened.

5. If the unit is not to be used for a long period of time, make sure that all power sources are disconnected from the unit. Remove all batteries from the battery compartment, and unplug the AC adaptor from the wall outlet. Make it a practice to remove the AC adaptor by grasping the main body and not by pulling the cord.

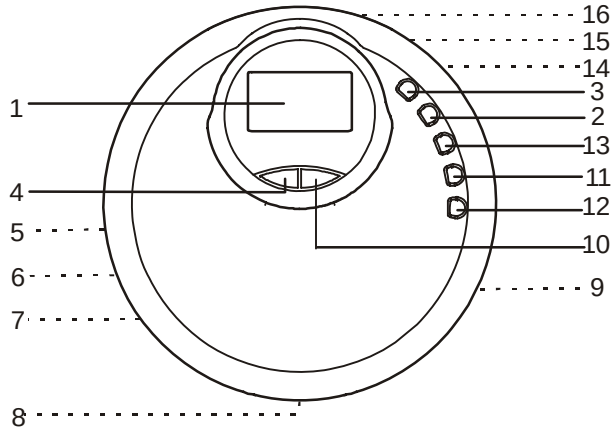
6. This unit employs a laser. The use of controls or adjustment or performance of procedures other than those specified herein may result in exposure to hazardous radiation.

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

LOCATION OF CONTROLS



1. DISPLAY WINDOW	LCD function display
2. SKIP-/SEARCH LEFT	Skip or fast search tracks backward, and MP3 file SEARCH-LEFT
3. SKIP+/SEARCH RIGHT	Skip or fast search tracks forward, and MP3 file SEARCH-RIGHT
4. PLAY/PAUSE /UP	Turns the set on, starts and interrupts CD play, and MP3 file SEARCH-UP
5. LINE OUT JACK	Connect to an external amplifier
6. PHONE JACK	3.5mm headphone jack
7. VOLUME	Adjusts the volume
8. OPEN SWITCH	Opens the CD lid
9. BATTERYCOMPARTMENT	Install Battery (inside CD door)
10.STOP/DOWN	Stops CD play, erases a program and turns the set off, and MP3 file SEARCH-DOWN
11.ESP/MENU	MP3: select the file search function by MENU CD AUDIO: Anti-Shock Protection on/off
12.MODE/ CLEAR	Selects the different playing possibilities; REPEAT1/ ALL/DIR., INTRO, RANDOM
13.PROGRAM/EQ /"ENTER"	Selects the program mode or enters the program, and MP3 file SEARCH-ENTER, choose equalizer setting
14.RECHARGE SWITCH	Set the switch to ON position to start charging. Both batteries must be of rechargeable NICKEL-CADMIUM or NI-MH type.
15.RECHARGE LED	The Red LED indicator will illuminate to show that charging is taking place.
16.DC INPUT JACK	Jack for 4.5V external power supply

CAUTION
Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure.

POWER SUPPLY

Batteries (not supplied)

With this set you can use:
- Alkaline batteries (type AA size)

Inserting batteries
1. Open the battery compartment and insert 2 alkaline batteries.

   Follow the polarity as indicated in the battery compartment.

Notes:
- Old and new or different types of battery combinations should not be used.
- Remove batteries if they are low or if the unit will not be used for a long time.

Batteries contain chemical substance so they should be disposed of properly.

Indication of low batteries
- A flashing " LOW BATTERY" indication appears on the display when the batteries need to be changed. Replace them or connect the AC power adapter (Supplied).

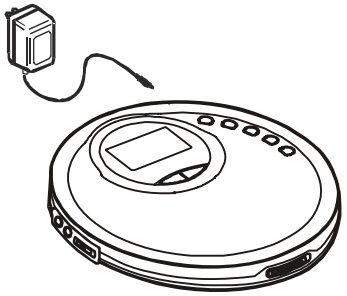
Notes: The average playing time of batteries under normal condition.

Playing Battery type	ESP on	ESP off
CD / Normal	3 hours	4 hours
CD / Alkaline	8 hours	9 hours
MP3 / Normal	4 hours	N/A
MP3 / Alkaline	10 hours	N/A

POWER SUPPLY

Power adapter (supplied)

Only use a 4.5V/600mA DC, positive center pin power adapter. Any other adapter may damage the set.

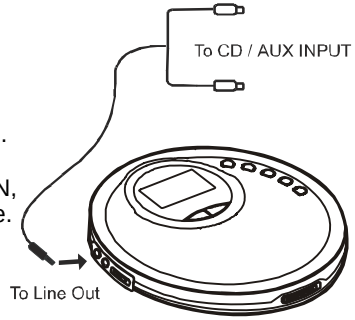


1 Make sure the local voltage corresponds to the adapter's voltage.
2 Connect the power adapter to the 4.5V DC jack of the player and to the wall outlet.

Note:
Always disconnect the adapter when you are not using it.

Line out

You can connect the CD player to an additional appliance. E.g. amplifier, radio cassette recorder, etc., with a LINE IN jack.



1. Turn down the volume on the additional appliance.
2. Connect the audio signal cable (not supplied,) to the LINE OUT jack of the CD player and the CD IN, AUX IN or LINE IN jack of the additional appliance.
3. To adjust the sound and volume, use the controls on the connected appliance.

EARPHONES CONTROL

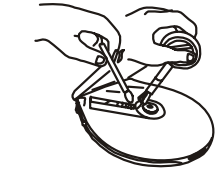
Connecting the earphones

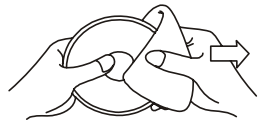
- Connect the earphone into the PHONE (GREEN) socket.

Important safety notes when using earphone

- Hearing safety: Do not play your headset at a high volume. Hearing experts advise against continuous extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.
- Traffic safety: Do not use while operating a motorized vehicle. It may create a traffic hazard and it's illegal in areas. You should use extreme caution or temporarily discontinue use in potentially hazardous situations. Even if your headset is an open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

CD player and CD handling





- Do not touch the lens of the player.
- Do not expose the set, batteries or CDs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).
- You can clean the CD player with a soft, slightly dampened lint-free cloth. Do not use any cleaning agents as they may have a corrosive effect.
- To clean the CD, wipe it in a straight line from the center toward the edge using a soft, lint-free cloth. A cleaning agent may damage the disc! Never write on a CD or attach a sticker to it.
- Playing is not possible when the lens may cloud over when the set is moved suddenly from cold to warm surroundings. Leave the CD player in a warm environment until the moisture evaporates.
- Active mobile phones in the vicinity of the CD player may cause malfunctions.
- Avoid dropping the set as this may cause damage.

Rechargeable Battery Operation

This unit can fully recharge the specified rechargeable battery, in approximately 15 hours. The rechargeable batteries (NOT supplied) should be recharged before they are used form the first time because they are low in power or if they have not been used for a long period (over 60 days)

1. Open the battery compartment cover and insert two of the recommended rechargeable batteries, matching polarity. (1.2V 1200mA)
   ALL BATTERIES MUST BE OF RECHARGEABLE NICKEL-CADMIUM OR NI-MH TYPE, OTHERWISE THE BATTERIES MAY EXPLODE OR LEAK.
2. Plug in the AC adaptor and set the Recharge switch to ON position to start charging.
   During charging the RED LED charge indicator will illuminate.
   USE ONLY THE AC ADAPTOR SUPPLIED WITH THE SET FOR CHARGING.
3. After 15 hours. Please unplug the AC adaptor and switch the Recharge switch to the OFF position.
   DO NOT CHARGE CONTINUOUSLY FOR 24 HOURS OR MORE. DOING SO CAN CAUSE THE PERFORMANCE OF THE RECHARGEABLE BATTERIES TO DETERIORATE.
   IMPORTANT: IF NI-CAD BATTERIES ARE USED ,THE RECHARGE TIME WILL BE APPROX 7-8 HOURS.
   Note: You may play DISC'S whilst charging the batteries.
4. If the operating time decreases drastically even when the rechargeable nickel-cadmium batteries are properly recharged, purchase a new set of rechargeable nickel-cadmium batteries.
5. When charging for the first time or after a long time, playing time may be reduced. In this case, charge and discharge the batteries several times.

CD PLAY

Playing a CD

This CD player plays **Audio CDs** and **MP3 CDs** such as CDRs and CDRWs. Do not try to play a Cdi, CDV or computer CD or DVD.

1 Slide the OPEN slider towards the right and the lid opens.

2 Insert an audio CD or MP3-CD, printed side up, by pressing gently on the CD center so that it fits onto the hub. Close the lid by pressing it down on the left side.

3 Press the PLAY/PAUSE button for approximately 1 second to turn the set on and the start playback. The current track number and the elapsed playing time are displayed. It will take approx. 5 seconds for a CD to begin playback.

- You can interrupt playback by pressing the PLAY/PAUSE button.
  The time where playback was interrupted flashes.
- Continue playback by pressing the PLAY/PAUSE button again.

4 Press the STOP button to stop playback.
The total number of tracks and the total playing time of the CD are displayed.

5 Press the STOP button again to turn off the set.

6 To remove the CD, hold it by its edge and press the hub gently while lifting the CD.

CD PLAY

Playback information

- If a CD Rewritable (CD Recordable) is not recorded properly (finalized). “Disc Error” is displayed.
- For CD Audio, use FINALIZE on your CD recorder to complete the recording.
- Playback will stop if you open the CD lid. The “Door-Open” indicator will appear in LCD.
- While the CD is being read, “Now Reading” is displayed.
- If there is no activity for 10 seconds, the set will clear the display, If there is no activity after another 50 seconds, the set will turn off automatically to save battery power. Any settings such as program and playing modes will be kept.

Volume and sound adjustment

- Adjust the volume level up to 32 steps by using the electrical Volume up/down button.

Preset Equalizer

- While a CD is playing, press the PROG./ EQ/ ENTER button to cycle though the EQ setting (FLAT, CLASSIC, POP, JAZZ AND ROCK).

FEATURES

Selecting a track and searching

Selecting a track during playback

- Briefly press +SKIP / SEARCH or -SKIP / SEARCH button once or several times to skip to the current, previous or subsequent track start.
  Playback continues with the selected track.

Selecting a track when playback is stopped

1 Briefly press +SKIP / SEARCH or -SKIP / SEARCH button once or several times.
The selected track number is displayed.
2 Press the PLAY / PAUSE button to start CD play. The playback starts with the selected track.

Searching for a passage during playback

1. Press and hold +SKIP / SEARCH or -SKIP / SEARCH button to find a particular passage in a backward or forward direction.
   Search starts and playback continues at a low volume. After 2 seconds the search speeds up.
2. Release the button when you reach the desired passage.
   Normal playback continues from this position.

Note: During SCAN, searching is not possible.

FEATURES

Programming track numbers

You can select up to 24 tracks and store them in the memory in a desired sequence. You can store any track more than once.

1. While the unit is stopped, press the PROG. button. PROGRAM “P” lights up and "CD 00 P- 01" is displayed.

2. Select a track with SKIP+/- button.
   - Press the ENT.(ENTER) button once to store the desired track.

3. Select and store additional desired tracks.

4. Press the PLAY button to start playback of your selected tracks.
   - You can review the program by pressing the PROG. button when playback is stopped. The display shows all stored tracks in sequence.

Note :

You can also edit the program any time with the PROG. Button.
If you press PROG. and there is no track selected after 60 sec. readout reverts to previous display.

Erasing the program

If necessary, press the STOP button to stop playback and then press the MODE/CLEAR button for 3 seconds. The program will also be erased if you change the CD. The program will be kept even though the player is turned power off.

ESP

This player incorporates the latest digital anti shock circuit, which prevents interruption of the sound output if the unit is subject to shock or vibration during disc playback.

Note: When playing MP3 tracks, the display will read “Welcome MP3”, The ESP feature will not appear but is automatically activated regardless of the ESP switch setting.

FEATURES

Selecting different playing options – MODE

It is possible to play tracks in random order, to repeat a track or the CD and to play the first few seconds of each track.

1 Press MODE during playback once or repeatedly until the display shows either:

- **REPEAT 1** : The current track is played repeatedly. “ **REP 1**” is displayed.
- **REPEAT ALL**: The entire CD is played repeatedly. “ **REP A**” is displayed.
- **REPEAT “D”**: The current directory is played repeatedly. “ **REP D**” is displayed.(MP3 only).
- **“Intro”:** The first 10 seconds of each of the remaining tracks are played in sequence. “ **INTRO** ” is displayed.
- **RANDOM:** All tracks of the CD are played in random order until all of them have been played once. “ **RANDOM** “ is displayed.

2 Press play in selected mode to begin.

3 To return to normal playback, press play MODE until the mode feature display indication disappears.

MP3-CD PLAYBACK

To play MP3-CDs

IMPORTANT INFORMATION

- Use mp3 as the file extension when creating audio files onto CDR-R/Ws. Do not use any other extensions such as doc, txt, pdf, etc., when creating audio files into MP3 format.
- Do not use the .mp3 extension for text or other non-audio data files. This may result in serious malfunction of the set and harmful noise interference.
- Single session means only one session created on the CDR-R/W.
- **Do not attempt to combine CD audio and MP3 tracks within a CDR-R/W, the unit will only be able to playback CD audio tracks from a CD with mixed formats.**

1 Place a MP3 CDR-R/W with the label side up and push the CD center lightly to set it in position.

2 Press the PLAY/PAUSE" button to start playback "welcome MP3" number of directions and the number of tracks show on the display. Please note reading an MP3 CD will take 10 to 30 seconds depending on quantity of files to be read.

3 Press STOP button to stop playback.
Playback stops and the display shows the total number of tracks and total number of directories/folders.

Selecting and searching a track

The following table shows the different functions available when playing Audio CD or MP3 CDs.

- **Single file** is displayed when playing an MP3 CD with only a root directory which contains no additional albums (folders).
- **With albums** means a MP3 CD with more than one album (folders), and is shown by directory and a number on the display, as Root 01, Root02, etc.

Function	CD audio	MP3	MP3 (with multiple Files)
Track select	✓	✓	✓
Music search	✓	✓	✓
Fast track select		✓	✓
Fast album select			✓

MP3-CD PLAYBACK

Track select

To select the next or previous track.

- Press the +SKIP / SEARCH button or -SKIP / SEARCH button once or repeatedly during playback.
  Playback is interrupted and starts from the beginning of the selected track.

Music search

To fast search only within a CD Audio track.

- During playback, press and hold down the +SKIP / SEARCH button or -SKIP / SEARCH button. Release button at the desired passage.

File search function for MP3 CD with "MENU" button

You can search directly "FILE NAME " and "FILE SELECT" with menu button.

FILE NAME SEARCH

For example; rock.mp3 (file name)

1. Press the MENU button once, The display shows "ABCDEFGHIJKL" and the cursor is blinking.
2. Press the direction(UP) button, Display shows "MNOPQRSTUVWX" and the cursor is blinking.
3. Select the "R" letter with the direction(RIGHT/LEFT) button, Cursor begins blinking on "R"
4. Press the ENT. button.

   Auto playback occurs after searching and finding the "rock.mp3" file. If there are more than 2 files beginning with the same letter. it will show the fist file name blinking. At that time, select the desired file name with Direction (RIGHT/LEFT) button and than press the ENT. button.

Note :

Any mp3 files, i.e. file name containing symbols (examples: *,/,-,!,=,etc) are recognized and can be used for file name search. In this case, select the "special symbol" on display.

MP3-CD PLAYBACK

ALBUM / FILE SELECT

1. Press the MENU button twice ALBUM name appears on the upper row and FILE name on the lower row.
2. Select the desired ALBUM name with Direction(UP/DOWN) button or FILE name with the direction(LEFT/RIGHT) button.
3. Press the ENT. button. The selected track will play automatically.

Track Programming

1. Programmes can only be set in the stop mode, press the PROG. button, "P" appears, and " 00 000 P - 01 " is displayed.

2. Select the album number with the SKIP+/- button.

3. Press the PROG. button.
   TRACK number blinks.

4. Select the track number with the SKIP+/- button.

5. Press the PROG. button.

   - Select and store all desired tracks by repeating steps 2 to 5.

6. Press the PLAY button to start playback of your selected tracks.

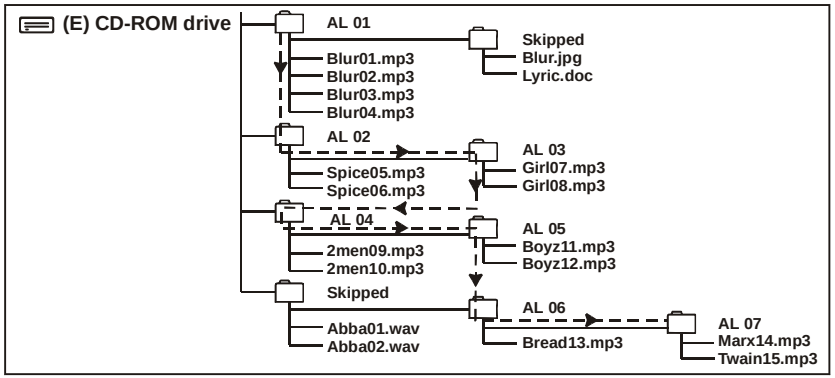
   - You can review or edit the program track by pressing the PROG. button.

MP3-CD PLAYBACK (Continued)

Single session / Multi session

- The following chart is an example of a **Windows Explorer** display for a single session MP3 CDR-R/W disc. Check the added Notes to help you understand the MP3 CD unit display, the playback sequence of albums and tracks on single session MP3 CDs.

- Multi-session - Computer user does not need to finalize the CDR-R/W disc when the music is down-loaded from the internet. The music can be downloaded in different times until the whole disc is fully loaded and can play out in the unit.



Notes: – → Arrow pathway show the sequence of MP3 album and track playback.

AL01-AL07 This CD ROM example has a total number of 7 MP3 albums (folders). Blur01.mp3-Twain15.mp3 This CD ROM example has a total number of 15 tracks, where '01' is the first track and '15' is the last track.

Skipped indicates an album which contains non-audio files such as: jpg, wav., doc. etc. These cannot be detected nor played on the MP3-CD player, When an album contains mixed format files, the non-MP3 files will be skipped.

MP3 Properties	**Standard**
MPEG rate	:32 ~ 384Kbps
Sampling Frequency	:8-48KHz
MPEG 1/2/2.5	:Layer 2/3
MP3 playback	:ISO9660 format compatible
Maximum file support	:Album (Directory) 99, File (Track) 300

* Support for "Multi session"

Software Properties section of your computer will have this confirmation.

TROUBLESHOOTING

WARNING
Under no circumstances should you try to repair the set yourself as this will void the warranty.

If a fault occurs, check the following hints.

If you are unable to solve a problem by following these hints, consult your dealer or service center.

Symptom	Symptom	Possible Solution
Power cannot be turned on	**Batteries** Are the batteries inserted correctly?	Insert the batteries correctly.
	Are the batteries dead?	Replace batteries.
	Is the power adapter connected properly?	Connect the power adapter properly.
Playback is impossible or stops during CD playback	Is the CD door closed properly?	Close the CD door tightly.
	Is there condensation on the lens?	Wait until the lens has cleared.
	Is the CD inserted properly?	Place the CD with the label side up.
	Is the CD scratched or damaged?	Use another CD.
	If using an MP3 CD burned from a computer, there could have been transfer errors during the process. This is an error between modem and computer or computer and CD. This is not an error with the Player	

TROUBLESHOOTING

Symptom	Symptom	Possible Solution
Playback does not start from first track	Is the PROGRAM function activated?	Switch off the function or clear the PROGRAM.
No sound or poor sound quality	Are connection plugs inserted properly?	Check all connections.
	Is the volume set too low?	Adjust the volume.
	Is the headphone plug dirty?	Clean the headphone plug.
	Is the set located near strong magnetic fields?	Move the set away from strong magnetized fields.

Note: If you do not find an error and the disc is not reading properly, simply power-off the player completely, wait 5 seconds and re-power(turn on) the unit.

Features and specifications subject to change without notice.

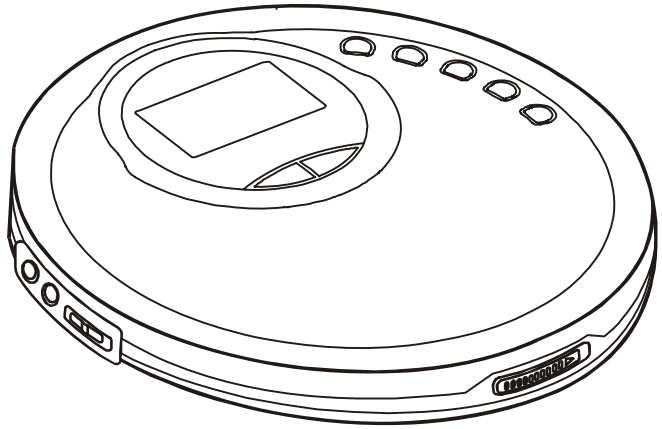
If at any time in the future you should need to dispose of this product please note that Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.(Waste Electrical and Electronic Equipment Directive)

The unit complies with the maximum 100dBA sound level with the original provided earphones. In case this one needs replacement, you should use an earphones with the same specifications.
Earphones specifications
Impedance: 32Ohm 1kHz
Sensitivity: 95dB @1mW
Frequency response: 20Hz - 20kHz

SCOTT

MP3 PORTABLE CD PLAYER WITH 60 SEC. ANTI-SKIP PROTECTION

MPA20



INSTRUCTION MANUAL
BENUTZERHANDBUCH
INSTRUCCIONES DE UTILIZACIÓN
MANUEL D'UTILISATION

CE